Mine Safety & Health Administration
Approval & Certification Center
Quality Assurance & Materials Testing Division

Inspection Information for Xella Aircrete North America Inc. AAC2 Block Stopping using "Touch n' Seal Mine Block Mortar"
(January 2008)

This stopping is constructed in the same manner as a traditional block and mortar stopping except that this stopping uses a polyurethane foam mortar to construct the stopping.

1) This stopping consists of:
- A polyurethane foam mortar.
- Tongue & groove lightweight block

2) The following is a list of the suitable construction:

Block	Mortar	Sealant
Standard 6" x 12" x 24" min. AAC2 Lightweight Tongue & Groove Block	Convenience Products: "Touch n' Seal Mine Block Mortar" (MBM)	none

3) Installation:

a. The stopping is constructed as a traditional concrete block stopping, using uniform, unbroken blocks and "Touch n" Seal Mine Block Mortar" (MBM.) It is important that the perimeter of the stopping be appropriately constructed so that there are no openings or gaps, since the "MBM" mortar is not accepted for use to fill such voids.

b. The "Touch n" Seal Mine Block Mortar" must not be used to fill gaps in the AAC2 lightweight block stopping. If gaps or openings are present in the AAC2 lightweight block stopping, the broken block should be replaced.

c. Openings or voids around the perimeter of the AAC2 lightweight stopping may be closed by traditional means, such as a Portland cement based mortar.

d. It is not acceptable to use MSHA suitable sealants for filling voids.

4) OPTIONAL: Proper use of MSHA suitable sealants:

When used, the MSHA suitable sealant is applied full face to the high pressure side, or both sides of the stopping at the thickness listed for the sealant.